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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/625,277	07/23/2003	Dong-Sauk Kim	29926/39495	8394	
4743	7590 03/24/2005		EXAMINER		
MARSHAL	L, GERSTEIN & BORUN	TRAN, THANH Y			
	6300 SEARS TOWER ART UNIT PAPER NUM				
233 S. WACKER DRIVE CHICAGO, IL 60606			2822		
51101100,			DATE MAILED: 03/24/200:	5	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Application No. 10625.277 DONG-SAUK KIIM			-AL
## Commission of Claims ### Claims application is FINAL. ### Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. ### Claims of Claims is/are allowed. ### Of Claims is/are pending in the application is objected to by the Examiner. ### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. #### Of Claims is/are objected to by the Examiner. ##### Of Claims is/are objected to by the Examiner. ##### Of Claims is/are objected to by the Examiner. ##### Of Claims is/are objected to by the		Application No.	Applicant(s)
Thanh Y. Tran 2822 **The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ½ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Educations of time may be available under the provisions of 30 CFR 1.136(a). In no event, however, may a reply be timely filed **Education of time may be available under the provisions of 30 CFR 1.136(a). In no event, however, may a reply be timely filed **If the period for reply apecified above, the maximus adulty period unley by and wife eights (1) days will be considered timely. **If the period for reply apecified above, the maximus tablatey period timely by and wife eights (1) (b) MONTH for the mailing date of this communication. **If NO period for reply specified above, the maximus tablatey period timely plan and the provision of the period for reply value and above, the maximus tablatey period timely should be application to become ABANCONED (35 U.S. C. § 133). **Equation of the period for reply value and above, the maximus tablatey period timely should be application to become ABANCONED (35 U.S. C. § 133). **Equation of the period for reply value and application is provided to the provided timely. **This action is FINAL.** **Disposition of Claims** 4) Claim(s) 1-24 is/are pending in the application. **4a) Of the above claim(s) is/are withdrawn from consideration. **Signature of the period of the provided timely.** **Application Papers** 9) Signature and the provided to by the Examiner. 10 Signature and the provided timely.** **Application Papers** 9) The drawing(s) filed on is/are: a) coccepted or b) objected to by the Examiner. Application Papers** 9) The drawing(s) filed on is/are: a) coccepted or b) objected to by the Examiner. Application Papers** 9) The drawing(s) filed on is/are: a) coccepted or b) objected to by the Examiner. Application for a list of the drawing(s) be held in abeyance. See 37 CF		10/625,277	DONG-SAUK KIM
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>1</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Editarious of time may be available under the provisions of 37 CFR 1.13(a). In no event, however, may a reply be timely filed after SX (b) MONTH from the mailing date of this communication. If the period for reply specified shows in lasts than thing (30) days, an its party within the stationy minimum of thinty (30) days will be sometimed timely. If the period for reply specified shows in lasts than thing (30) days, and its party within the stationy minimum of thinty (30) days will be considered timely. If the period for reply specified shows in lasts than the minimum of the top will be stationy minimum of thinty (30) days will be considered timely. Failure to reply within the set or obtended period for reply will, the station of the properties of the communication. Failure to reply within the set or obtended period for reply will, the station of the communication of the communication. Failure to reply within the set or obtended period for reply will, the station of the communication of the communication. Failure to reply within the set or obtended period for reply will, the station of the communication of the communication. Failure to reply within the set or obtended period for reply will, the station of the communication. Status Status I) Responsive to communication(s) filed on	Office Action Summary	Examiner	Art Unit
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1) Responsive to communication(s) filed on	A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a repl - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin	136(a). In no event, however, may a ly within the statutory minimum of th will apply and will expire SIX (6) MO e, cause the application to become A	a reply be timely filed irty (30) days will be considered timely. DNTHS from the mailing date of this communication. ABANDONED (35 U.S.C. § 133).
2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-24 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) 1-24 are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	Status		
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1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413)		4) Til Interview	Summary (PTO-413)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date		Paper No	o(s)/Mail Date
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 5) Notice of Informal Patent Application (PTO-152) 6) Other:	3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	, <u> </u>	

Application/Control Number: 10/625,277

Art Unit: 2822

DETAILED ACTION

Election/Restrictions

This application contains claims directed to the following patentably distinct species of the claimed invention:

Species I: Fig. 6.

Species II: Fig. 9.

Species III: Fig. 14A-14D.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, it appears that only claims 1 and 12 are generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to

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be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh Y. Tran whose telephone number is (571) 272-2110. The examiner can normally be reached on M-F (9-6:30pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amir Zarabian can be reached on (571) 272-1852. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TYT

AMIR ZARABIAN
UPFRVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800